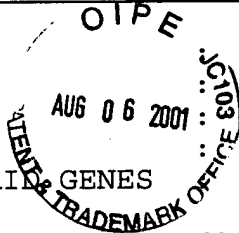


446.001 Rec'd PCT/PTO 06 AUG 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
JEAN-LOUIS LALANNE et al
Serial No.: 09/786,880
Filed: March 8, 2001
For: ESSENTIAL GENES...SAINT GENES



600 Third Avenue
New York N.Y. 10016
August 6, 2001

AMENDMENT

Asst. Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend this application as follows:

IN THE SPECIFICATION:

Page 3, rewrite the second paragraph as follows:

--According to another aspect, the present invention concerns a polynucleotide having the sequence as depicted in SEQ ID No. 2, SEQ ID No. 5, SEQ ID No. 8, SEQ ID No. 10, SEQ ID No. 13. SEQ ID No. 15, SEQ ID No. 17, SEQ ID No. 20, preferably SEQ ID No. 2, SEQ ID No. 5, SEQ ID No. 8, SEQ ID No. 13, SEQ ID No. 14 or SEQ ID No. 17, homologs thereof and functional fragments thereof.--

Replace pages 32 to 37 and 39 with the replacement pages filed herewith.

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IN THE CLAIMS:

Claim 1 (amended) A polynucleotide having the sequence as depicted in the sequence selected from the group consisting of SEQ ID No. 2, SEQ ID No. 5, SEQ ID No. 8, SEQ ID No. 10, SEQ ID No. 13,